

**SYSTEMS AND METHODS FOR IMPLEMENTING MODULAR
DOM (Document Object Model)-BASED MULTI-MODAL BROWSERS**

ABSTRACT OF THE DISCLOSURE

Systems and methods for building multi-modal browsers applications and, in particular, to systems and methods for building modular multi-modal browsers using a DOM (Document Object Model) and MVC (Model-View-Controller) framework that enables a user to interact in parallel with the same information via a multiplicity of channels, devices, and/or user interfaces, while presenting a unified, synchronized view of such information across the various channels, devices and/or user interfaces supported by the multi-modal browser. The use of a DOM framework (or specifications similar to DOM) allows existing browsers to be extended without modification of the underlying browser code. A multi-modal browser framework is modular and flexible to allow various fat client and thin (distributed) client approaches.